

LT2 ESWTR SOURCE WATER SAMPLING PLAN – Schedule 4

Name of PWS:

Date:

PWSID: IA _____

Contact Information:

Name and Title:

Mailing Street Address:

Mailing City, Zip:

Phone Number:

Cell Phone Number:

Fax Number:

E-mail Address:

Water Treatment Plant Facility Identification (see your operation permit): TP____

Water Treatment Plant Facility Name (name of your treatment plant):

Source Water Sample Collection Point(s):

Describe your plant's operation and each source that you will be sampling. Samples must be collected before any chemical treatment and before any filter backwash recycle. In addition:

- *If you use riverbank filtration, state where the sample will be collected (i.e., before or after riverbank filtration).*
- *If you have multiple sources, describe how your system is operated. You may have the option to composite samples. The requirement is to sample the water source that is in use at the scheduled sampling time.*

[EXAMPLE: Listed below is an example of a system with 2 sources that are used independently:

Plant Operation: Our normal operation is to use one source for six months and then switch to the second source for six months. The two sources are not used at the same time. Our plan is to sample the source that is in use on the day that our schedule indicates we should collect a sample. A total of 24 samples will be collected, one each month.

Sampling Point Number 1 – Illinois River: This sampling location is located at the sampling tap just after the raw water intake from the Illinois River. It is located before any chemical treatment and filter backwash recycle. The raw water being sampled is "SP1 Illinois River".

Sampling Point Number 2 – Nebraska River: This sampling location is located at intake of the Nebraska River. It is located before any chemical treatment and filter backwash recycle. The raw water being sampled is "SP2 Nebraska River."]

Plant Operation:

Sampling Point Number 1: _____

Sampling Point Number 2: _____

***E. Coli* Only Sampling Schedule**

The sampling schedule is shown below. One sample will be collected every other week from the source that is in use on that date. *E. coli* analyses will be conducted by the _____ laboratory (Iowa lab ID is IA _ _ _). Turbidity analyses will be conducted in house at the _____ Water Treatment Plant.

Sampling Event	Raw Water Sample Collection Date
1	
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**Note: Raw water samples must be collected within 2 calendar days of the date listed here.*

***Cryptosporidium* Sampling Schedule**

The sampling schedule is shown below. One or Two {circle the correct frequency} sample(s) will be collected each month from the source that is in use on that date. *Cryptosporidium* analyses will be conducted by the University of Iowa Hygienic laboratory (UHL's lab ID is IA00010 for *Cryptosporidium*). *E. coli* analyses will be conducted by the _____ laboratory (Iowa lab ID is IA_ _ _). Turbidity analyses will be conducted in house at the _____ Water Treatment Plant.

Sampling Event	Raw Water Sample Collection Date*	Will a Matrix Spike be collected? <i>Note: two matrix spikes are required during the entire process, with the first required to be collected during the first sampling event.</i>
1		Yes
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**Note: This should be the sampling schedule that you will receive from UHL. List the sample collection dates and the two matrix spikes on this form. Raw water samples must be collected within 2 calendar days of the date listed here.*